Cafe Table with Bar Storage

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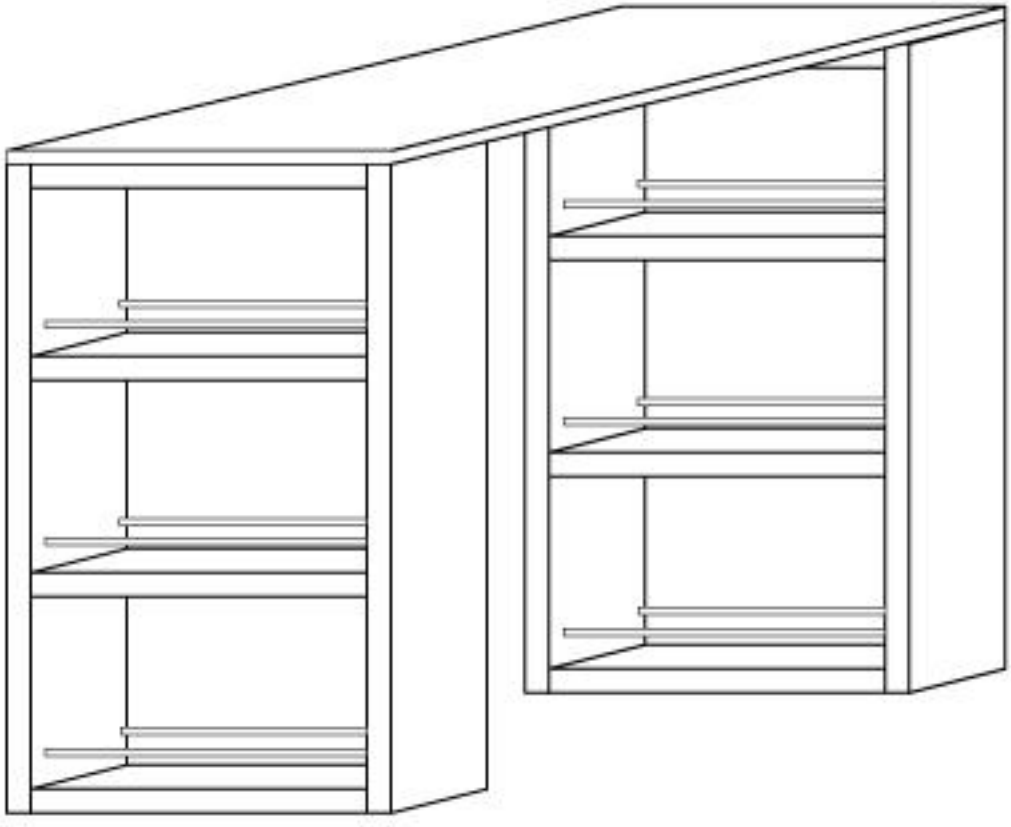

Quantity	Length	Width	Material	Part
1	48	24	3/4” birch plywood	table top
4	40 1/2	8	3/4” birch plywood	case sides
8	22 1/8	8	3/4” birch plywood	case shelves, top, bottom
1	32	10	3/4” birch plywood	table support
1	32	2	3/4” hardwood (maple)	support bar
12	36		3/8” hardwood dowels	shelf rails

Additional materials	Tools and Accessories	Other supplies for video
3/4” birch edge banding and trimmer	pocket hole jig	bar supplies:
Wood glue	1 1/4” pocket hole screws	bottles, glasses, ice bucket, sparkling water bottles, etc
Dark walnut stain	flush cut trim saw	bar or counter stools
white paint and primer	1 1/4” pocket hole plugs	

Creating the cases

1. Cut all pieces to size. Using the pocket hole jig, attach the case top and bottom to the sides to form a basic box. Check for square and level. Repeat with other case.
2. Insert the shelves into the cases at 14” from the bottom, and 28 and 3/4”. This will create three storage spaces for each case: two at 14” height, and one at 9 1/2”. Attach shelves using wood glue and pocket hole screws.
3. Mark a line 2” above each shelf. Drill a 13/32” hole 3/4” on center from each edge along the line. Insert the 3/8” dowels into the holes, spanning the length of the shelves. Secure with wood glue.
4. Fill each pocket hole with wood plugs and glue.
5. Once glue has dried, attach 3/4” edge banding to all exposed plywood faces and trim.
6. Use the flush cut saw to cut the extending dowels flush with the sides of the case, and sand. Sand the pocket hole plugs.

Creating the table top and supports

7. Cut table top to size, or buy a 3/4” 2x4’ panel at the lumberyard. Cover exposed ply with 3/4” edge banding.
8. Cut 10x32” table support and band edges. Cut 3/4” thick 2” hardwood bar to size.

Structure assembly

9. Dry fit cases and table top support, Drill pocket screw holes for table support into case tops and the table support. Do not add screws.
10. Dry fit 3/4” hardwood bar with first shelf in each case. Drill pocket screw holes into bar and each shelf. Do not add screws.

Finishing

11. Paint or stain cases, including all shelves and dowel rods. Paint or stain 10x32” table support and hardwood support bar. Allow to dry.

Final Assembly

12. Space cases to fit, and fit table support and support bar. Attach with pocket hole screws, but do not fill holes. This allows the piece to be disassembled later for moving.

13. Place table top on cases, and clamp lightly for square. Drill counterbored holes for 1 1/8” #8 panhead screws. (Cf. when to drill a countersink video) at appropriate places on underside of case tops and the support bar. Attach table top to case with 1 1/8” panhead screws.